

REMARKS/ARGUMENTS

Applicants have carefully reviewed the Examiner's Office Action dated June 13, 2007, in which the Examiner rejected claims 3 and 4 under 35 U.S.C 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regards as the invention; rejected claims 1 to 6 under 35 U.S.C. 103(a) as being unpatentable over Knockeart, et al. (U.S. Patent #6,970,783) in view of Mathews, et al. (U.S. Patent #7,147,625); and rejected claims 7 to 12 under 35 U.S.C. 103(a) as being unpatentable over Mathews, et al. in view of Knockeart, et al. However, these rejections are specifically traversed in view of the amendments to the claims and the following comments.

Amendments to the Claims

Claim 3 has been amended to overcome the rejection of 35 U.S.C 112. Claims 6 and 12 have been canceled. It is not the Applicant's intent to surrender any equivalents because of the amendments or arguments made herein. Claims 1 to 5 and claims 7 to 11 remain in the application. Reexamination and reconsideration of the application, as amended, are respectfully requested.

Claim Rejections under 35 U.S.C. 112

The rejection of claims 3 and 4 under 35 U.S.C 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regards as the invention has been carefully considered but is most respectfully traversed in the following arguments.

In claim 3, the "and/or" has been amended as "or". Therefore, claim 3 is clear.

Accordingly, it is respectfully requested that the Examiner's rejection be withdrawn, and that claim 3 be allowed in its present form. It is also respectfully requested that the Examiner's rejection to claim 4, which is dependent from claim 3 be withdrawn and claim 4 allowed in its present form

Claim Rejections under 35 U.S.C. 103(a)

The rejection of claims 1 to 12 under 35 U.S.C. 103(a) as being unpatentable over Knockeart, et al. (U.S. Patent #6,970,783) in view of Mathews, et al. (U.S. Patent #7,147,625) or Mathews, et al. in view of Knockeart, et al. has been carefully considered but is most respectfully traversed in the following arguments.

As defined in claim 1, the navigation system includes an ECU for transferring the data on a departure point and a destination from an input unit to a transceiver unit, transferring the path data from the transceiver unit to a display unit, precalculating deviation-expected path data which represent deviation-expected paths in the course of driving along the navigation path, and selecting revised path data which represent the revised navigation path, among the precalculated deviation-expected path data in case a present position of the mobile object deviates from the navigation path to thereby provide the revised navigation path to the display unit. The deviation-expected paths are precalculated from a plurality of deviation points to the destination, the deviation points being arbitrary places where the mobile object begins to deviate from the navigation path.

However, Knockeart does not disclose, suggest nor imply an ECU that precalculates deviation-expected path data that represent deviation-expected paths in the course of driving along the navigation path.

Meanwhile, Mathew discloses that the navigation information generated by the guidance component includes predictive navigation information comprising predictive guidance information for the navigable physical object, generated according to a prediction criterion for guiding the navigable physical object according to the navigation route. Mathew discloses that with the predictive information, there is an assumption that a NPO (Navigable Physical Object) does not significantly deviate from the anticipated trajectory and the predicted information can be meaningfully applied between updates from the guidance components (See Col 9, lines 58 to 62), and the NPO will not deviate significantly from a defined route (See Col 15, lines 29 to 32). Further, Mathew discloses that information which is useful to prediction algorithms includes current location, predicted location given speed and heading, predicted location according to a

predetermined route, personal preferences of a NPO Controller 102, and historical information from past request.

According to the above disclosure of Mathew, the predictive information of Mathew is route information to guide the NPO according to the defined navigation route (not a precalculated deviation-expected path data which are precalculated from a plurality of deviation points to the destination, the deviation points being arbitrary places where the mobile object begins to deviate from the navigation path). Therefore, the predictive information of Mathew is totally different from the precalculated deviation-expected path data of claim 1 of the present invention.

Therefore, Applicants respectfully submit that no reasonable combination of Knockeart and Mathew would include all of the features of claim 1. In likely manner of the above reasoning, Applicants also respectfully submit that no reasonable combination of Knockeart and Mathew would include all of features of claim 7 which corresponds to claim 1.

Accordingly, it is respectfully requested that the Examiner's rejection be withdrawn; and claims 1 and 7 be allowed in their present form.

Further, the inventions of claims 2 to 5 and 8 to 11 which are dependent from claim 1 or 7 directly or indirectly are also allowable.

CONCLUSION

Applicants believe that this is a full and complete response to the Office Action. For the reasons discussed above, applicants now respectfully submit that all of the pending claims are in complete condition for allowance. Accordingly, it is respectfully requested that the Examiner's rejections be withdrawn; and that the pending claims be allowed in their present form. If the Examiner feels that any issues that remain require discussion, he is kindly invited to contact applicants' undersigned attorney to resolve the issues.

Should the Examiner require or consider it advisable that the specification, claims an/or drawings be further amended or corrected in formal respects, in order to place the case in condition for final allowance, then it is respectfully requested that such amendment or correction be carried out by Examiner's Amendment and the case be passed to issue.

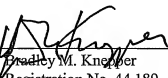
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Alternatively, should the Examiner feel that a personal discussion might be helpful in advancing this case to allowance, the Examiner is invited to telephone the undersigned.

Respectfully submitted,

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